

Product datasheet

Anti-MCP4 antibody [MM0137-3G14] ab89453

Overview

Product name	Anti-MCP4 antibody [MM0137-3G14]
Description	Mouse monoclonal [MM0137-3G14] to MCP4
Host species	Mouse
Tested applications	Suitable for: Neutralising, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant Human MCP4.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS
Purity	Protein G purified
Purification notes	IgG fraction of culture supernatant purified by Protein G affinity chromatography and 0.2 µm filtered.
Clonality	Monoclonal
Clone number	MM0137-3G14
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab89453** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Neutralising		Use at an assay dependent concentration.

Application	Abreviews	Notes
Flow Cyt		1/50 - 1/200. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils, but not neutrophils. Signals through CCR2B and CCR3 receptors. Plays a role in the accumulation of leukocytes at both sides of allergic and non-allergic inflammation. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis. May play a role in the monocyte attraction in tissues chronically exposed to exogenous pathogens.
Tissue specificity	Widely expressed. Found in small intestine, thymus, colon, lung, trachea, stomach and lymph node. Low levels seen in the pulmonary artery smooth muscle cells.
Sequence similarities	Belongs to the intercrine beta (chemokine CC) family.
Post-translational modifications	One major form (form long), and two minor forms (short chain and medium chain) are produced by differential signal peptide cleavage. The medium chain is about 30-fold less active than the long chain.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors